

ADDENDA TO THE AUSTRALIAN HYDROMEDUSÆ.

No. II.

BY R. VON LENDENFELD, PH.D.

I have lately examined some specimens of Hydroid polyps, and find that a few alterations are necessary in my classification.

1. The Genera *Campanularia*, *Halecium* and *Sertularia* should be placed in the Subordo *Hydromedusinae*. Family *Campanulinidæ*.

2. The identity of *Plumularia effusa*, Busk, and *Acanthella effusa*, Allman, which has been stated by Allman. (Report on the Hydroida of the Challenger. Part I., *Plumularidæ*), has not been accepted by me formerly. The differences between the two are however not of such valid a character as I had supposed, and we must therefore unite these two. I retain Allman's name, and eliminate the *Plumularia effusa* of Busk.

3. The Genus *Azygoplou*, Allman, is identical with *Halicornopsis*, Bale, and the name has to give way to the latter, which has the priority. Allman's *Azygoplou rostratum*, (Report on the Challenger Hydroida), must therefore be named *Halicornopsis rostratum*. Von Lendenfeld.

4. *Campanularia simplex* (Bale), *Laomedea simplex*, Lamouroux, has been omitted in the list, and must be placed in the genus to which Bale refers it.

5. I find that *Sertularia divaricata*, de Lamarck, is not identical with *Sertularia rigida*, Lamouroux, as de Lamarck and Bale supposed, and therefore add it to the list of Sertularians.

6. T. Hutton named a *Sertularella*, (*Sertularella polyzonias*, Lin.) *Sertularia simplex* (Transactions of the New Zealand Institute, Vol. V.) This is not similar to *Sertularia simplex*, von Lendenfeld. (Addenda to the Australian Hydromedusæ. Proceedings of this Society, Vol. IX.)

7. Bale enumerates in his catalogue two species of *Sertularia* under the same name, viz., *tridentata*, *Sertularia tridentata*, Lamouroux, (catalogue, p. 96) and *Sertularia tridentata*, Busk, (catalogue, p. 79.)

In my former papers I have accepted these two, the Lamouroux species of which seems doubtful, being not sufficiently described

I have lately obtained a Hydroid in Port Jackson, which I believe may be identical with Lamouroux species, which I propose to re-name *Sertularia tridens*, von Lendenfeld.

Stem slightly branched, irregularly pinnate with very short pinnæ. Cellules campanulate, adnate throughout their entire length, cylindrical or wider at the base than at the mouth, parallel to the pinnæ, very distinct, alternate. Aperture with two small rounded teeth in front, and one long and sharp spine on the outer margin. Height, one to two centimetres.

Port Jackson, New South Wales.